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## iomsat Hit

By John P. MacKenzie Staff Reporter

cations in space has run into is vital to a worldwide space sign a satellite which would trouble over design and for communications network. eign policy.

sions. Negotiations continued tions facilities.

past the deadline with both The NCS wants to harness tem.

sign a system of earth-orbit-the world to deal with diploing satellites that can handle matic and military emergen-A bold attempt to pool mili- the most sensitive military- cies. NCS requirements intary and civilian resources for diplomatic traffic—and still clude instant availability of cheaper and better communinations whose participation Comsat has offered to de-

agreement by which the Pentagon and the private Comagon and the private Comagon and the private Comagon and telephone, telegraph and television system by 1967. munications Satellite Corp. and television system by 1967. hoped to share a \$200-million satellite systems, reaping millions in budget savings and commercial profits.

Yesterday was the Government-established deadline to agree or else break off discussions. Negotiations continued to share a \$200-million specified by 1967. By sharing neighboring frequencies, Comsat proposed to Perhaps more importantly gain a customer with \$25 million worth of satellite comsupport in the State Departs munications traffic annually ment, thinks the military-tail while saving the NCS one loved design might not find saving the NCS one loved design many for and operating a separate system.

sides farther apart than ever, satellites to mobile ground

allow the NCS to use an ex-Comsat is the congression-clusive range of frequencies Six months of negotiations ally chartered, Government- for its traffic with adjacent have failed to produce an regulated firm that hopes to frequencies in the radio spec-

and operating a separate sys- eign partners. The global net-

At issue is whether the stations that could be quickly depend heavily on a simple, peaceful application of outer Comsat corporation can de-installed in remote areas of lightweight satellite design. space. The NCS now wants Comsat to run its commercial traffic pean nations, Comsat has held over much lower radio fre- out the tempting possibility quencies, preserving the up- that the U.S. Government per range for national pur might be a larger paying cusposes, some of which are clastomer. But there's a vast difsified.

> them and beam them to distant receiving antennas.

weight and eliminate two nals after six years of fruit-thirds of the potential econo-less attempts to develop a sepmies in launching and opera- arate space system.

work has been billed by the But the shared economics; United States as a promising

In discussions with Euroference, according to one of-The frequencies change would require totally different designs- in the satellite mechanisms that take signals from earth stations, amplify them and beam them to dis-

nt receiving antennas.

Comsat officials calculate issues. The Senate Space Com-Cross-currents from Capitol that separate mechanisms—a mittee has pressed for the military "black box" and a shared system while the civilian "black box" inside the House Military Operations same orbiting sphere-would Subcommittee is asking why nearly double the satellite's the Pentagon has switched sig-